| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 4 | wiegand adj protocol | US-PGPUB; USPAT | OR | OFF | 2004/11/05 12:15 |
| S2 | 1 | extended near wiegand | US-PGPUB; USPAT | OR | OFF | 2004/10/29 16:23 |
| S3 | 2560 | (713/200).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/10/29 16:24 |
| S4 | 2 | S3 and wiegand | US-PGPUB; USPAT | OR | OFF | 2004/10/29 16:25 |
| S5 | 2363 | wiegand | US-PGPUB; USPAT | OR | OFF | 2004/11/03 08:52 |
| S6 | 1532 | wiegand and (improved or extended or long) | US-PGPUB; USPAT | OR | OFF | 2004/11/02 10:42 |
| S7 | 3 | wiegand near (improved or extended or long) | US-PGPUB; USPAT | OR | OFF | 2004/10/29 16:35 |
| S8 | 12 | wiegand near4 (improved or extended or long) | US-PGPUB; USPAT | OR | OFF | 2004/10/29 16:35 |
| S9 | 50 | wiegand near4 (improved or extended or long or modif$8 or field) | US-PGPUB; USPAT | OR | OFF | 2004/11/01 08:49 |
| S10 | 14 | wiegand near4 (improved or extended or long or modif$8) | US-PGPUB; USPAT | OR | OFF | 2004/11/01 08:53 |
| S11 | 44 | access adj control and wiegand | US-PGPUB; USPAT | OR | OFF | 2004/11/01 09:06 |
| S12 | 0 | wiegand adj field | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:38 |
| S13 | 18 | wiegand near field | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:41 |
| S14 | 1 | wiegand adj message | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:41 |
| S15 | 1 | wiegand near message | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:41 |
| S16 | 2 | wiegand near3 message | US-PGPUB; USPAT | OR | OFF | 2004/11/01 16:41 |
| S17 | 118 | wiegand and message | US-PGPUB; USPAT | OR | OFF | 2004/11/02 09:54 |
| S18 | 4 | wiegand near3 protocol | US-PGPUB; USPAT | OR | OFF | 2004/11/02 10:38 |
| S19 | 74 | wiegand same (improved or extended or long) | US-PGPUB; USPAT | OR | OFF | 2004/11/02 10:46 |
| S20 | 74 | wiegand same (improved or extended or long) and wiegand | US-PGPUB; USPAT | OR | OFF | 2004/11/02 10:47 |
| S21 | 1663 | wiegand and @ay<="2000" | US-PGPUB; USPAT | OR | OFF | 2004/11/02 12:15 |

*abstract* (handwritten annotation next to S11 row)

*KWIC* (handwritten annotation next to S17 row)

| | | | | | | |
|---|---|---|---|---|---|---|
| S22 | 2251 | access adj control adj system | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:00 |
| S23 | 128 | access adj control adj system and CRC | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:01 |
| S24 | 12 | access adj control adj system and access adj control adj interface | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:05 |
| S25 | 1524 | access adj control adj system and interface | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:05 |
| S26 | 1150 | access adj control adj system and physical | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:05 |
| S27 | 116 | access adj control adj system same physical | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:14 |
| S28 | 14 | access adj control adj interface same physical | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:56 |
| S29 | 92 | access adj control adj interface and physical | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:59 |
| S30 | 129 | physical adj access adj control | US-PGPUB; USPAT | OR | ON | 2004/11/02 15:59 |
| S31 | 818 | security adj system and transponder | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:03 |
| S32 | 48 | security adj system and data adj transponder | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:05 |
| S33 | 1712 | fob | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:06 |
| S35 | 758 | key adj fob | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:06 |
| S36 | 11 | carrying adj key adj fob | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:10 |
| S37 | 4250 | security and ((cyclic adj redundancy adj check) OR CRC) | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:11 |
| S38 | 3767 | security and ((cyclic adj redundancy adj check) OR CRC) and access | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:11 |
| S39 | 716 | security adj system and ((cyclic adj redundancy adj check) OR CRC) | US-PGPUB; USPAT | OR | ON | 2004/11/02 17:11 |
| S40 | 1157 | wiegand | EPO; JPO; DERWENT | OR | ON | 2004/11/03 08:44 |
| S41 | 0 | wiegand near5 message | EPO; JPO; DERWENT | OR | ON | 2004/11/03 08:42 |
| S42 | 2 | wiegand near5 protocol | EPO; JPO; DERWENT | OR | ON | 2004/11/03 08:42 |
| S43 | 9 | wiegand and security | EPO; JPO; DERWENT | OR | ON | 2004/11/03 08:47 |
| S44 | 7 | wiegand | IBM_TDB | OR | ON | 2004/11/03 08:47 |
| S45 | 2368 | wiegand | US-PGPUB; USPAT | OR | OFF | 2004/11/03 08:53 |

KWIC

| S46 | 3658 | wiegand | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/03 08:54 |
|---|---|---|---|---|---|---|
| S47 | 1290 | wiegand | USOCR | OR | OFF | 2004/11/03 09:14 |
| S48 | 0 | micro adj RWD | US-PGPUB; USPAT | OR | ON | 2004/11/03 09:14 |
| S49 | 374 | RWD | US-PGPUB; USPAT | OR | ON | 2004/11/03 09:14 |
| S50 | 13 | security same building and wiegand | US-PGPUB; USPAT | OR | ON | 2004/11/03 11:03 |
| S51 | 850 | security same building and data near3 field | US-PGPUB; USPAT | OR | ON | 2004/11/03 11:03 |
| S52 | 476 | security same building and data adj field | US-PGPUB; USPAT | OR | ON | 2004/11/03 11:09 |
| S53 | 0 | security same building and extended adj data adj field | US-PGPUB; USPAT | OR | ON | 2004/11/03 11:09 |
| S54 | 5 | security and extended adj data adj field | US-PGPUB; USPAT | OR | ON | 2004/11/03 11:09 |
| S55 | 32 | transponder and wiegand | US-PGPUB; USPAT | OR | ON | 2004/11/03 15:00 |
| S56 | 1 | "5,053,774".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/03 15:00 |
| S57 | 1 | "5,053,774".pn. and transponder | US-PGPUB; USPAT | OR | ON | 2004/11/03 15:00 |
| S58 | 3 | wiegand and doorbell | US-PGPUB; USPAT | OR | ON | 2004/11/03 15:14 |
| S59 | 56 | access adj system and doorbell | US-PGPUB; USPAT | OR | ON | 2004/11/03 15:14 |
| S60 | 738 | fob and security | US-PGPUB; USPAT | OR | ON | 2004/11/03 16:41 |
| S61 | 119 | fob and security adj access | US-PGPUB; USPAT | OR | ON | 2004/11/03 16:41 |
| S62 | 125 | fob and transponder and security | US-PGPUB; USPAT | OR | ON | 2004/11/03 16:46 |
| S63 | 663 | transponder and (access adj system) | US-PGPUB; USPAT | OR | ON | 2004/11/04 09:43 |
| S64 | 463 | transponder and (access adj system) NOT vehicle | US-PGPUB; USPAT | OR | ON | 2004/11/04 09:44 |
| S65 | 188 | transponder and (access adj system) NOT vehicle and @py<"2001" | US-PGPUB; USPAT | OR | ON | 2004/11/04 09:55 |
| S66 | 61 | transponder and (access adj system) NOT vehicle and @py<"2001" NOT satellite | US-PGPUB; USPAT | OR | ON | 2004/11/04 10:26 |
| S67 | 1 | "5,266,942".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/04 10:16 |

KWIC

| S69 | 919 | security and tamper and temperature and light | US-PGPUB; USPAT | OR | ON | 2004/11/04 11:03 |
|-----|-----|-----|-----|-----|-----|-----|
| S70 | 13 | security and tamper adj detector and temperature and light | US-PGPUB; USPAT | OR | ON | 2004/11/04 11:13 |
| S71 | 348 | security adj system and tamper and temperature and light | US-PGPUB; USPAT | OR | ON | 2004/11/04 11:13 |
| S72 | 298 | security adj system and tamper and temperature and light and access | US-PGPUB; USPAT | OR | ON | 2004/11/04 11:13 |
| S73 | 128 | security adj system and tamper and temperature and light and access adj control | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:04 |
| S74 | 10 | card adj reader adj malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/04 13:51 |
| S75 | 30 | (card adj reader) near3 malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/04 13:51 |
| S76 | 20963 | light NOT diode and security and access | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:57 |
| S77 | 20963 | light and security and access NOT diode | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:58 |
| S78 | 27105 | light and security and access | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:57 |
| S79 | 2287 | light and security and access adj system NOT diode | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:58 |
| S80 | 992 | light and security and access adj system NOT diode and @ay<"2001" | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:59 |
| S81 | 388 | light and security and access adj system NOT diode and @ay<"2001" and building | US-PGPUB; USPAT | OR | ON | 2004/11/04 14:59 |
| S83 | 59 | security adj system and tamper and temperature and light and access adj control NOT silverbrook.in. | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:05 |
| S84 | 16 | security adj system and tamper and temperature and light and access adj control NOT silverbrook.in. and @ay<"2001" | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:05 |
| S85 | 1 | wiegand and data adj "0" and ledctl | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:31 |
| S86 | 1 | wiegand and data0 and ledctl | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:31 |
| S87 | 1 | wiegand and ledctl | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:32 |
| S88 | 13 | ledctl | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:36 |
| S89 | 7 | wiegand and data adj "0" | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:49 |
| S90 | 1 | "4,163,215".pn. | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:39 |

*abstract* (handwritten annotation next to S75)

*KWIC* (handwritten annotation next to S81)

| | | | | | | |
|---|---|---|---|---|---|---|
| S91 | 13008 | data adj "0" | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:49 |
| S92 | 7516 | data adj "0" and data adj "1" | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:49 |
| S93 | 1 | data adj "0" and data adj "1" and ledctl | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:49 |
| S94 | 7021 | data adj "0" and data adj "1" and signal | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:50 |
| S95 | 738 | data adj "0" and data adj "1" and signal and LED | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:50 |
| S96 | 418 | data adj "0" and data adj "1" and signal and LED and access | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:52 |
| S97 | 21 | data0 and data1 and signal and LED and access | US-PGPUB; USPAT | OR | ON | 2004/11/04 15:52 |
| S98 | 1 | "3932843".PN. | USPAT; USOCR | OR | ON | 2004/11/04 16:05 |
| S99 | 2 | "3374466".PN. | USPAT; USOCR | OR | ON | 2004/11/04 16:05 |
| S100 | 2 | "3500328".PN. | USPAT; USOCR | OR | ON | 2004/11/04 16:06 |
| S101 | 0 | malfunction near (access adj control adj (interface or unit)) | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:31 |
| S102 | 0 | malfunction near3 (access adj control adj (interface or unit)) | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:31 |
| S103 | 2 | malfunction near3 (access near (interface or unit)) | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:31 |
| S104 | 61 | wiegand and malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:32 |
| S105 | 45 | wiegand and malfunction and @ay<"2001" | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:37 |
| S106 | 7 | wiegand adj reader | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:45 |
| S107 | 720 | (713/185-186).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/04 16:45 |
| S108 | 17 | S107 and malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:52 |
| S109 | 10 | card adj reader adj malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/04 16:52 |
| S110 | 33436 | access adj control | US-PGPUB; USPAT | OR | ON | 2004/11/05 08:56 |
| S111 | 52 | (access adj control) and reader near2 (problem or error or malfunction) | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:10 |
| S112 | 8951 | (access adj control) and time and light | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:10 |

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|---|---|---|---|---|---|---|
| S11 5 | 221 | (access adj control) and time and light and biometric and @ay<"2001" | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:18 |
| S11 6 | 4 | (access adj control) and time and light and biometric and @ay<"2001" and light adj detector | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:22 |
| S11 7 | 21 | (access adj control) and light and biometric and @ay<"2001" and light near2 (detector or sensor) | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:45 | KWIC
| S11 8 | 328 | (access adj control) and light and @ay<"2001" and light near2 (detector or sensor) | US-PGPUB; USPAT | OR | ON | 2004/11/05 09:45 | KWIC
| S11 9 | 0 | (reader near2 malfunction) near3 (main or control or system) and (access adj control) | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:32 |
| S12 0 | 4 | (reader near2 malfunction) near3 (main or control or system) | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:42 |
| S12 1 | 47 | (reader near2 (malfunction or error or problem)) near3 (main or control or system) ` | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:42 |
| S12 2 | 0 | access adj control and reader adj malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:52 |
| S12 3 | 0 | access adj control and reader near malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:52 |
| S12 4 | 3 | access adj control and reader near3 malfunction | US-PGPUB; USPAT | OR | ON | 2004/11/05 10:52 |
| S12 5 | 39 | access adj control and reader near3 proper | US-PGPUB; USPAT | OR | ON | 2004/11/05 11:04 |
| S12 6 | 11 | access adj control and (malfunction or bug or glitch or defect or fail$4 or flaw or impairment) near reader | US-PGPUB; USPAT | OR | ON | 2004/11/05 11:05 |
| S12 7 | 4 | access adj system and detect adj malfunction | US-PGPUB; USPAT | OR | OFF | 2004/11/05 12:16 |
| S12 8 | 0 | reader near3 detect adj malfunction | US-PGPUB; USPAT | OR | OFF | 2004/11/05 12:16 |
| S12 9 | 0 | reader near3 detect near2 malfunction | US-PGPUB; USPAT | OR | OFF | 2004/11/05 12:17 |
| S13 0 | 1 | reader near3 detect$6 near2 malfunction | US-PGPUB; USPAT | OR | OFF | 2004/11/05 12:17 |
| S13 1 | 1 | "5491471".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 10:59 | IDS check
| S13 2 | 1 | "6411199".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 10:58 | IDS check
| S13 3 | 1 | "5166676".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 10:58 | IDS check
| S13 4 | 1 | "5028918".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 10:58 | IDS check

| | | | | | | | *IDS check* |
|---|---|---|---|---|---|---|---|
| S13 5 | 6 | ("4163215", "5521602", "5517172", "5679945", "5848541", "5923264"). pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/08 11:02 | |
| S13 6 | 0 | 282992A2.pn. | EPO | OR | ON | 2004/11/08 11:02 | |
| S13 7 | 0 | 282992A2 | EPO | OR | ON | 2004/11/08 11:02 | |
| S13 8 | 0 | 992A2 | EPO | OR | ON | 2004/11/08 11:02 | |
| S13 9 | 485 | @pd="19880316" | EPO | OR | ON | 2004/11/08 11:05 | |
| S14 0 | 276 | @ad="19880316" | EPO | OR | ON | 2004/11/08 11:05 | |